

1093G

γ -Globulins
Valid heading during volumes 126-130 (1997-June 1999) only
See Globulins, γ -

Globulol
See 1*H*-Cycloprop[*e*]azulen-4-*ol*, decahydro-1,1,4,7-tetramethyl-, (1*aR*,4*R*,4*aR*,7*R*,7*aS*,7*bS*)- [489-41-8]

Globus pallidus
Valid heading during volumes 126-130 (1997-June 1999) only
See Brain, globus pallidus

Glochidiol
See Lup-20(29)-ene-1,3-diol, (1 *β* ,3 *α*)- [6610-56-6]

Glochidiolide
See [3*a*,7*a*(2*H*,6*H*)-Bibenzofuran]-2,2'(3*H*)-dione, 6',7',7*a*-tetrahydro-6,6'-dihydroxy-, (3*aS*,6*S*,6'*S*,7*aS*,7*aR*)- [213528-23-5]

Glochidioside
See Olean-12-ene-16,21,23,28-tetrol, 3-[(3-*O*- β -D-glucopyranosyl- α -L-arabinopyranosyl)oxy]-, 16-benzoate, (3 *β* ,4 *α* ,16 *β* ,21 *β*)- [107110-06-5]

Glochidioside N
See β -D-Glucopyranoside, (3 *β* ,4 *α* ,16 *β* ,21 *β*)-16-(benzoyloxy)-21,23,28-trihydroxyolean-12-en-3-yl [119513-72-3]

Glochidioside Q
See β -D-Glucopyranoside, (3 *β* ,16 *β* ,21 *β*)-16-(benzoyloxy)-21,28-dihydroxyolean-12-en-3-yl 2-*O*- β -D-glucopyranosyl- [119539-76-3]

Glochidol
See Lupa-1,20(29)-dien-3-*ol*, (3 *β*)- [60290-56-4]

Glochidone
See Lupa-1,20(29)-dien-3-one [6610-55-5]

Glochidonol
See Lup-20(29)-en-3-one, 1-hydroxy-, (1 *β*)- [23963-54-4]

Glochiin C₁
See β -D-Glucopyranoside, (2*R*,3*S*,4*R*)-3,4-dihydro-5-hydroxy-3-[(3,4,5-trihydroxybenzoyl)oxy]-4-(2,4,6-trihydroxyphenyl)-2-(3,4,5-trihydroxyphenyl)-2*H*-1-benzopyran-7-yl, 2,6-bis(3,4,5-trihydroxybenzoate) [172617-78-6]

Glochiin M₁
See β -D-Glucopyranoside, 3,5-dihydroxyphenyl, 2,6-bis(3,4,5-trihydroxybenzoate) [172549-42-7]

Glochiin M₂
See β -D-Glucopyranoside, 3,5-dihydroxyphenyl, 3,6-bis(3,4,5-trihydroxybenzoate) [172549-43-8]

Glochilodiol
See Lup-20(29)-ene-1,3-diol, (1 *α* ,3 *β*)- [51848-00-1]

Glocure 31
See Ethanone, 2-(1-methylethoxy)-1,2-diphenyl- [6652-28-4]

Gloeosporone
See 5,15-Dioxabicyclo[10.2.1]pentadecane-4,14-dione, 1-hydroxy-6-pentyl-, (1*S*,6*R*,12*R*)- [88936-02-1]

Gloeosteretriol
See 1*H*-Cyclopenta[*a*]pentalene-2,6*a*,7*a*(2*H*,7*H*)-triol, hexahydro-3,3*a*,5,5-tetramethyl-, (2*S*,3*S*,3*aS*,3*bS*,6*aS*,7*aS*)- [141434-36-8]

Glogoside
See 4*H*-1-Benzopyran-4-one, 8-(β -D-glucopyranosyloxy)-5,7-dihydroxy-2-(4-hydroxyphenyl)-3-methoxy- [42495-68-1]

Gloisiphone A
See Spiro[4.4]non-2-ene-1,7-dione, 2,3,6-trihydroxy-6-(methoxymethyl)-, (5*R*,6*R*)-rel- [152406-60-5]

Gloisiphone B
See 3(2*H*)-Furanone, dihydro-2-hydroxy-2-(methoxymethyl)- [152406-61-6]

Glokil pQ
See Methanamine, *N*-methyl-, polymers, polymer with (chloromethyl)oxirane [25988-97-0]

Glomax 2474
See Metakaolinite (Al₂(Si₂O₇)) [15123-81-6]

Glomax LL
See Calcined kaolin

Glomellitic acid
See Benzoic acid, 2-hydroxy-4-[(2-hydroxy-4-methoxy-6-(3-oxopentyl)benzoyl)oxy]-6-(3-oxopentyl)- [52589-14-7]

Glomelliferic acid
See Benzoic acid, 2-hydroxy-4-[(2-hydroxy-4-methoxy-6-(2-oxopentyl)benzoyl)oxy]-6-pentyl- [552-49-8]

Glomelliferonic acid
See 1*H*-Dibenzo[*b,e*][1,4]dioxepin-7-carboxylic acid, 8-hydroxy-3-methoxy-11-oxo-1-(2-oxopentyl)-6-pentyl- [113706-23-3]

Glomellin
See 1*H*-2-Benzopyran-1-one, 8-hydroxy-6-methoxy-3-propyl- [52589-15-8]

Glomellonic acid
See 1*H*-Dibenzo[*b,e*][1,4]dioxepin-7-carboxylic acid, 8-hydroxy-3-methoxy-11-oxo-1,6-bis-(2-oxopentyl)- [113706-22-2]

Glomeratose A
See α -D-Glucopyranoside, 3-*O*-(2*E*)-1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)- β -D-fructofuranosyl [202471-84-9]

Glomeratose B
See α -D-Glucopyranoside, 3-*O*-(2*E*)-3-(4-hydroxy-3,5-dimethoxyphenyl)-1-oxo-2-propenyl)- β -D-fructofuranosyl, 6-[(2*E*)-3-(4-hydroxyphenyl)-2-propenoate] [202471-85-0]

Glomeratose C
See α -D-Glucopyranoside, 3-*O*-(2*E*)-1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)- β -D-fructofuranosyl, 6-[(2*E*)-3-(4-hydroxyphenyl)-2-propenoate] [202471-87-2]

Glomeratose D
See α -D-Glucopyranoside, 3-*O*-(2*E*)-1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl)- β -D-fructofuranosyl, 6-[(2*E*)-3-(3,4,5-trimethoxyphenyl)-2-propenoate] [202471-88-3]

Glomeratose E
See α -D-Glucopyranoside, β -D-fructofuranosyl, esters, cyclic 3',6'-[(2*E*,3*E*)-2,3-bis(4-hydroxy-

3,5-dimethoxyphenyl)methylene]butanedioate] [202471-89-4]

Glomeratose F

See α -D-Glucopyranoside, 3-*O*-benzoyl-1-*O*-(2*E*)-3-(4-hydroxyphenyl)-1-oxo-2-propenyl)- β -D-fructofuranosyl
O-6-*O*-acetyl- β -D-glucopyranosyl-(1-3)-*O*-(β -D-glucopyranosyl-(1-2))-, 6-acetate
4-[(2*E*)-3-(4-hydroxy-3-methoxyphenyl)-2-propenoate] [202471-90-7]

Glomeratose G

See α -D-Glucopyranoside, 3-*O*-benzoyl-1-*O*-(2*E*)-3-(4-hydroxyphenyl)-1-oxo-2-propenyl)- β -D-fructofuranosyl
O-6-*O*-acetyl- β -D-glucopyranosyl-(1-3)-*O*-(β -D-glucopyranosyl-(1-2))-, 4-[(2*E*)-3-(4-hydroxyphenyl)-2-propenoate]
6-[(2*E*)-3-(4-hydroxyphenyl)-2-propenoate] [202471-91-8]

Glomerella gossypii

See Colletotrichum gossypii

Glomeric acid

See Oleane-1,12-dien-28-oic acid, 15-hydroxy-3-oxo-, (15 *α*)- [149260-89-9]

Glomerine

See 4(1*H*)-Quinazolinone, 1,2-dimethyl- [7471-65-0]

Glomerular diseases

Valid heading during volumes 126-130 (1997-June 1999) only

See Kidney, disease, glomerulus

Glomerular epithelium (renal)

Valid heading during volumes 126-130 (1997-June 1999) only

See Kidney, glomerulus, epithelium

Glomerular injury

Valid heading during volumes 126-130 (1997-June 1999) only

See Kidney, disease, glomerulus, injury

Glomerulatin A

See 5,10*b*:11,4*b*-Bis(iminoethano)dibenzo[*c,h*][2,6]-naphthyridine, 13,18-dimethyl-, (4*bS*,10*bS*)- [188846-03-9]

Glomerulatin B

See 5,10*b*:11,4*b*-Bis(iminoethano)dibenzo[*c,h*][2,6]-naphthyridine, 13-methyl-, (4*bS*,10*bS*)- [188846-22-2]

Glomerulatin C

See 5,10*b*:11,4*b*-Bis(iminoethano)dibenzo[*c,h*][2,6]-naphthyridine, 5,6-dihydro-13,18-dimethyl-, (4*bS*,5*R*,10*bS*)- [188846-23-3]

Glomerulonephritis

Valid heading during volumes 126-130 (1997-June 1999) only

See Kidney, disease, glomerulonephritis

Glomerulosclerosis

Valid heading during volumes 126-130 (1997-June 1999) only

See Kidney, disease, glomerulosclerosis

Glomus caroticum

See Carotid body

Glomus cell

Valid heading during volumes 126-130 (1997-June 1999) only

See Carotid body, glomus cell

Glongyn

See 1*H*-Imidazole, 1-[2-(ethylsulfonyl)ethyl]-2-methyl-5-nitro- [19387-91-8]

Glopil

See 3,5-Pyridinedicarboxylic acid, 1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-, dimethyl ester [21829-25-4]

Gloquat C

See Benzenemethanaminium, 4-dodecyl-*N,N,N*-trimethyl-, chloride [19014-05-2]

Glorin

See *L*-Glutamine, *N*-[(3*S*)-2-oxo-3-piperidinyl]-*N*²-(1-oxopropyl)-, ethyl ester [84563-47-3]

Gloriogenin

See Spirostan-12-one, 3-hydroxy-, (3 *β* ,5 *β* ,25*R*)- [38676-82-3]

Gloriosine

See Formamide, *N*-[(7*S*)-5,6,7,9-tetrahydro-1,2,3,10-tetramethoxy-9-oxobenz[*a*]heptalen-7-yl]- [7411-12-3]

Glospan

See Spandex fibers

Gloss

See Luster

Glossanodon semifasciatus

See Argentina semifasciatus

Glossaries

See Dictionaries

Glossina

See Tsetse fly (*Glossina*)

Glossinex-Cocktail

See Cyclopropanecarboxylic acid, 3-(2,2-dibromoethenyl)-2,2-dimethyl-, (S)-cyano(3-phenoxyphenyl)methyl ester, (1*R*,3*R*)-, mixt. with 6,7,8,9,10,10-hexachloro-1,5,5*a*,6,9,9*a*-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide [70480-52-3]

Glossobalole

See 1*H*-Indole, 4,6-dibromo- [99910-50-6]

Gloss White

See C.I. Pigment White 23 [8049-83-0]

Glove boxes

See also related: Laboratory ware

Gloves**Gloveticol**

See Acetamide, 2,2-dichloro-*N*-[(1*R*,2*R*)-2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]- [56-75-7]

Glow discharge

See also narrower: Hollow cathode discharge

See also related:

Electric arc

Electric breakdown

Electric corona

Electric spark

Glow discharge mass spectrometry

Glow discharge sources

Glow discharge mass spectrometry

See also related: Glow discharge

Glow discharge sources

See also related:

Atomic emission spectrometry

Atomic spectrometry

Glow discharge

Spectrometers

Glowwhite BBN

See C.I. Fluorescent Brightener 194 [12270-56-3]

Glowworm

See

Firefly

Insect (Insecta)

luminescent

Gloxazone

See Hydrazinecarbothioamide, 2,2'-[1-(1-ethoxyethyl)-1,2-ethanediylidene]bis- [2507-91-7]

Gloxil White

See Diatomite

Gloximonam

See Acetic acid, [(2*S*,3*S*)-3-[(2*Z*)-(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-methyl-4-oxo-1-azetidinyloxy]-, 2-(1,1-dimethylethoxy)-2-oxoethyl ester [90850-05-8]

Gloxinia (horticultural common name)

See Sinningia

GL-R 9-338

See 1,2,4-Oxadiazole-5-carboxamide, *N,N*-diethyl-3-(1-naphthalenyl)- [40018-68-6]

GLS 2

See Silicate glasses

GLS 22

See Phosphate glasses

GLS 27

See Phosphate glasses

GLS 22P

See Phosphate glasses, neodymium phosphate

Gludin AGP

See Protein hydrolyzates

Gludin WK

See Protein hydrolyzates

Gluanol

See Lanosta-8,22-dien-3-*ol*, (3 *β* ,13 *α* ,14 *β* ,17 *α* ,20*S*,22*E*)- [36150-13-7]

Glubifer

See Iron, [L-glutamato(2-)- κ N, κ O¹]-, monohydrogen [77280-84-3]

Glubionate calcium

See Calcium, (4-*O*- β -D-galactopyranosyl-D-gluconato)(D-gluconato)-, monohydrate [12569-38-9]

Glucagon

—, entero—

See Oxyntomodulin [62340-29-8]

Glucagon (chicken)

See Glucagon (turkey) [67368-18-7]

Glucagon (Didelphis virginiana)

See Glucagon (turkey) [67368-18-7]

Glucagon (dog)

See Glucagon (swine) [16941-32-5]

Glucagon (human)

See Glucagon (swine) [16941-32-5]

Glucagon (Mesocricetus auratus)

See Glucagon (swine) [16941-32-5]

Glucagon (Platichthys flesus)

See Glucagon II (*Lophius americanus*) [85446-04-4]

Glucagon (Pseudemys scripta)

See Glucagon (duck) [41423-75-0]

Glucagon (Saimiri sciureus)

See Glucagon (swine) [16941-32-5]

Glucagon (swine)

[16941-32-5]

H-L-His-L-Ser-L-Glu(NH₂)-Gly-L-Thr-L-Phe-

1 2 3 4 5 6

L-Thr-L-Ser-L-Asp-L-Tyr-L-Ser-L-Lys-L-Tyr-

7 8 9 10 11 12 13

L-Leu-L-Asp-L-Ser-L-Arg-L-Arg-L-Ala-

14 15 16 17 18 19

L-Glu(NH₂)-L-Asp-L-Phe-L-Val-L-Glu(NH₂)-L-Trp-

20 21 22 23 24 25

L-Leu-L-Met-L-Asp(NH₂)-L-Thr-OH

26 27 28 29

Glucagon-29 (*Rana catesbeiana*)

See Glucagon-29 (*Bufo marinus*) [212556-46-2]

Glucagon-29 (*Rana sylvatica*)

See Glucagon-29 (*Bufo marinus*) [212556-46-2]

Glucagon II (*Anguilla anguilla*)

[119165-99-0]

H-L-His-L-Ser-L-Glu(NH₂)-Gly-L-Thr-L-Phe-L-Thr-

1 2 3 4 5 6 7

L-Asp(NH₂)-L-Asp-L-Tyr-L-Ser-L-Lys-L-Tyr-

8 9 10 11 12 13

L-Glu(NH₂)-L-Glu-L-Met-L-Lys-L-Glu(NH₂)-L-Ala-

14 15 16 17 18 19

L-Glu(NH₂)-L-Asp-L-Leu-L-Val-L-Glu(NH₂)-L-Trp-

20 21 22 23 24

Glucagon-like peptide (Anguilla rostrata...)

H-L-Tyr-L-Ala-L-Asp-L-Ala-L-Pro-L-Tyr-L-Ile-
1 2 3 4 5 6 7

L-Ser-L-Asp-L-Val-L-Tyr-L-Ser-L-Tyr-L-Leu-
8 9 10 11 12 13 14

L-Gln-L-Asp-L-Gln-L-Val-L-Ala-L-Lys-L-Lys-
15 16 17 18 19 20 21

L-Trp-L-Leu-L-Lys-L-Ser-Gly-L-Gln-L-Asp-
22 23 24 25 26 27 28

L-Arg-L-Arg-L-Glu-OH
29 30 31

Glucagon-like peptide (Anguilla rostrata)
See *Glucagon-like peptide (Anguilla anguilla)*
[134590-56-0]

Glucagon-like peptide (Oncorhynchus kisutch)
[103131-68-6]

H-L-His-L-Ala-L-Asp-Gly-L-Thr-L-Tyr-L-Thr-
1 2 3 4 5 6 7

L-Ser-L-Asp(NH₂)-L-Val-L-Ser-L-Thr-L-Tyr-
8 9 10 11 12 13

L-Leu-L-Glu(NH₂)-L-Asp-L-Glu(NH₂)-L-Ala-
14 15 16 17 18

L-Ala-L-Lys-L-Asp-L-Phe-L-Val-L-Ser-L-Trp-
19 20 21 22 23 24 25

L-Leu-L-Lys-L-Ser-Gly-L-Arg-L-Ala-OH
26 27 28 29 30 31

Glucagon-like peptide 1 (Rana catesbeiana)
[116186-51-7]

H-L-His-L-Ala-L-Asp-Gly-L-Thr-L-Phe-L-Thr-
1 2 3 4 5 6 7

L-Ser-L-Asp-L-Met-L-Ser-L-Ser-L-Tyr-L-Leu-
8 9 10 11 12 13 14

L-Glu-L-Glu-L-Lys-L-Ala-L-Ala-L-Lys-L-Glu-
15 16 17 18 19 20 21

L-Phe-L-Val-L-Asp-L-Trp-L-Leu-L-Ile-L-Lys-
22 23 24 25 26 27 28

Gly-L-Arg-L-Pro-L-Lys-OH
29 30 31 32

Glucagon-like peptide G 35 (Hydrolagus colliei)
[119883-11-3]

H-L-His-L-Ala-L-Asp-Gly-L-Ile-L-Tyr-L-Thr-
1 2 3 4 5 6 7

L-Ser-L-Asp-L-Val-L-Ala-L-Ser-L-Leu-L-Thr-
8 9 10 11 12 13 14

L-Asp-L-Tyr-L-Leu-L-Lys-L-Ser-L-Lys-L-Arg-
15 16 17 18 19 20 21

L-Phe-L-Val-L-Glu-L-Ser-L-Leu-L-Ser-
22 23 24 25 26 27

L-Asp(NH₂)-L-Tyr-L-Asp(NH₂)-L-Lys-L-Arg-
28 29 30 31 32

L-Glu(NH₂)-L-Asp(NH₂)-L-Asp-OH
33 34 35

Glucagon-like peptide-1 receptors

Glucagonoid

See *Glucagon* [9007-92-5]

Glucagon receptors

Glucagon-related peptide

See *Glucagon-like peptide* [96352-57-7]

Glucal

—, dihydro-

See *arabino-Hexitol*, 1,5-anhydro-2-deoxy-
[26242-03-5]

—, 2-hydroxy-

See *arabino-Hex-1-enitol*, 1,5-anhydro-
[26242-04-6]

—, 3-oxo-

See *erythro-Hex-1-en-3-ulose*, 1,5-anhydro-2-
deoxy- [26242-05-7]

D-Glucal

See *D-arabino-Hex-1-enitol*, 1,5-anhydro-2-
deoxy- [13265-84-4]

Glucaldrate potassium

See *Aluminate(1-)*, diaqua(D-gluconato(2-)-K⁺,K⁺)-
dihydroxy-, potassium [23835-15-6]

Glucamate DOE 120

See *Poly(oxy-1,2-ethanediyl)*, α-hydro-ω-hydroxy-,
ether with methyl D-glucopyranoside

2,6-di-(9Z)-9-octadecenoate (2:1)
[86893-19-8]

Glucamate SSE 20

See *Poly(oxy-1,2-ethanediyl)*, α-hydro-ω-hydroxy-,
ether with methyl D-glucopyranoside (4:1),
octadecanoate (2:3) [72175-39-4]

Glucam E 10

See *Poly(oxy-1,2-ethanediyl)*, α-hydro-ω-hydroxy-,
ether with methyl D-glucopyranoside (4:1)
[53026-67-8]

Glucam E 20

See *Poly(oxy-1,2-ethanediyl)*, α-hydro-ω-hydroxy-,
ether with methyl β-D-glucopyranoside (4:1)
[68239-42-9]

Glucametacin

See *D-Glucose*, 2-[[[1-(4-chlorobenzoyl)-5-
methoxy-2-methyl-1H-indol-3-yl]acetyl]-

amino]-2-deoxy- [52443-21-7]

Glucamine

See *D-Glucitol*, 1-amino-1-deoxy- [488-43-7]

Glucam P 10

See *Poly(oxy(methyl-1,2-ethanediyl))*, α-hydro-ω-
hydroxy-, ether with methyl D-glucopyranoside
(4:1) [52673-60-6]

Glucam P 20

See *Poly(oxy(methyl-1,2-ethanediyl))*, α-hydro-ω-
hydroxy-, ether with methyl D-glucopyranoside
(4:1) [52673-60-6]

Glucamylase

See *Amylase*, gluco- [9032-08-0]

Glucan

glucosamine-contg. — see also *Mucopolysaccharides*

2-amino-2-deoxy — see

also *Mucopolysaccharides*

R-Glucan

See β-D-Glucan, (1-3),(1-6)- [53238-80-5]

S-Glucan

See α-D-Glucan, (1-3)- [9051-95-0]

α-D-Glucan

See also

Elsinan [66457-06-5]

Glycogen [9005-79-2]

Nigeran [31799-84-5]

(1-4)- — see also *Amylose* [9005-82-7]

β-D-Glucan

(1-3)-

see also

Curdlan [54724-00-4]

Laminaran [9008-22-4]

Glucanase

—, cyclohepta-

See *Dextrinase*, cyclo- [37288-41-8]

—, cyclohexa-

See *Dextrinase*, cyclo- [37288-41-8]

—, exo-

See *Glucosidase*, exo- [50641-15-1]

Glucanase GV 2L

See *Glucanase*, β- [9074-98-0]

Glucanase GV 5L

See *Glucanase*, β- [9074-98-0]

1,4-α-Glucan branching enzyme

See *Glycosyltransferase*, α-glucan-branching
[9001-97-2]

1,4-β-Glucan cellobiohydrolase

See *Cellobiohydrolase*, exo- [37329-65-0]

1,4-β-Glucan cellobiosidase

See *Cellobiohydrolase*, exo- [37329-65-0]

β-1,4-Glucan cellobiosylhydrolase

See *Cellobiohydrolase*, exo- [37329-65-0]

Glucanex

See *Glucanase*, β- [9074-98-0]

Glucanohydrolase

—, amylopectin 6-

See *Pullulanase* [9075-68-7]

4-α-Glucanotransferase

See *Glycosyltransferase*, dextrin [9032-09-1]

α-Glucan phosphorylase

See *Phosphorylase* [9035-74-9]

α-1,4-Glucan-protein synthase (UDP-forming)

See *Glucosyltransferase*, uridine
diphosphoglucose-protein 4-α- [152478-54-1]

β-Glucan solubilase

See *Enzymes*, β-glucan-releasing

1,3-β-Glucan synthase

See *Glucosyltransferase*, uridine
diphosphoglucose-1,3-β-glucan [9037-30-3]

β-Glucan synthetase

See *Glucosyltransferase*, nucleoside
diphosphoglucose-β-glucan [9032-91-1]

Glucantime

See *D-Glucitol*, 1-deoxy-1-(methylamino)-,
trioxoantimonate(1-) [133-51-7]

Glucaric acid

—, 3-deoxy-2-keto-

See *erythro-2-Hexulosaric acid*, 3-deoxy-
[26566-33-6]

Glucaron

See *D-Glucaric acid*, di-γ-lactone, 2,5-diacetate
[642-83-1]

Glucaspaldrate sodium

See *Aluminate(8-)*, bis(acetato)tetrakis(D-gluconato-
(2-))bis(2-hydroxybenzoato(2-))di-, octasodium
[12214-50-5]

Glucataase

See *Oxidase*, glucose, mixt. with catalase [9001-35-8]

Glucate DO

See *D-Glucopyranoside*, methyl, di-(9Z)-9-
octadecenoate [122703-32-6]

Glucate SS

See *D-Glucopyranoside*, methyl, octadecanoate (2:3)
[68936-95-8]

Glucate sodium

See *D-glycero-D-gulo-Heptonic acid*, monosodium
salt [13007-85-7]

Glucides

See

Monosaccharides

Oligosaccharides

Polysaccharides

Glucidex 6

See *Maltodextrin* [9050-36-6]

Glucidex 12

See *Maltodextrin* [9050-36-6]

Glucidex 17

See *Maltodextrin* [9050-36-6]

Glucidex 19

See *Maltodextrin* [9050-36-6]

Glucidex 21

See *Maltodextrin* [9050-36-6]

Glucinol

See *myo-Inositol*, 1-O-β-D-glucopyranosyl-
[4539-73-5]

Glucitol [26566-34-7]

The D-isomer has been assumed unless otherwise
specified or implied in the original document and
is indexed at D-Glucitol [50-70-4]

—, 1-C-(acetylphenyl)-1,5-anhydro-

See *Ethanone*, 1-(glucopyranosylphenyl)-
[40169-12-8]

—, anhydro-

See also *Sorbitan* [12441-09-7]

—, 1,5-anhydro-1-C-(dicarboxymethyl)-

See *Propanedioic acid*, glucopyranosyl- [34010-47-4]

D-Glucitol

—, 1,5-dideoxy-1,5-imino-

See *3,4,5-Piperidinetriol*, 2-(hydroxymethyl)-, (2R,
3R,4R,5S)- [19130-96-2]

Gluc(o)-

When headings may correctly be prefixed with either

gluc(o)- (to signify glucose) or glyc(o)- (to signify
sugars in general), the latter, more inclusive,
prefix is given preference

Glucosacetylaldehyde

See *Card-20(22)-enolide*, 3-[(O-β-D-

glucopyranosyl-(1-4)-O-3-O-acetyl-2,6-

dideoxy-β-D-ribo-hexopyranosyl-(1-4)-O-2,

6-dideoxy-β-D-ribo-hexopyranosyl-(1-4)-O-

2,6-dideoxy-β-D-ribo-hexopyranosyl-(1-4)-

2,6-dideoxy-β-D-ribo-hexopyranosyl(oxy)-12,

14-dihydroxy-, (3β,5β,12β)- [68711-86-4]

Glucosallidine

See *Card-20(22)-enolide*, 3-[(6-deoxy-4-O-(3-O-

methyl-β-D-glucopyranosyl)-α-L-

glucopyranosyl(oxy)-5,11,14-trihydroxy-, (3β,

5β,11α)- [32451-21-1]

Glucosallidamide A

See β-D-Glucopyranoside, (3aR,4R,5R,6S,6aS)-2-

(dimethylamino)-3a,5,6,6a-tetrahydro-4-

hydroxy-6-(hydroxymethyl)-4H-cyclopentoxa-

zol-5-yl 2-(acetylamino)-4-O-[2-(acetylamino)-

2-deoxy-6-O-methyl-β-D-allopyranosyl]-2-

deoxy- [136236-41-4]

Glucosallidamide B

See β-D-Glucopyranoside, (3aR,4R,5R,6S,6aS)-3a,5,

6,6a-tetrahydro-4-hydroxy-6-(hydroxy-

methyl)-2-(methylamino)-4H-cyclopentoxazol-

5-yl 2-(acetylamino)-4-O-[2-(acetylamino)-

2-deoxy-6-O-methyl-β-D-allopyranosyl]-2-

deoxy- [136236-42-5]

Glucosallysin

See β-D-Glucopyranose, 1-thio-, 1-[6-(methyl-

sulfinyl)-N-(sulfoxy)hexanimidate] [499-37-6]

D-Glucoscorbic acid

See *D-arabino-Hept-2-enonic acid*, γ-lactone
[528-88-1]

L-Glucoscorbic acid

See *L-arabino-Hept-2-enonic acid*, γ-lactone
[26566-39-2]

Glucosubietin

See β-D-Glucopyranose, 1-thio-, 1-[4-methoxy-

N-(sulfoxy)benzeneethanimidate] [499-27-4]

Glucobarbarin

See β-D-Glucopyranose, 1-thio-, 1-[(βS)-β-

hydroxy-N-(sulfoxy)benzenepropanimidate],
monopotassium salt [21087-78-5]

Glucobay

See *D-Glucose*, O-4

1095G

methyl-N-(sulfoxy)butanimidate]
[28463-28-7]

Glucoconvallasaponin A

See α -L-Arabinopyranoside, (1 β ,3 β ,5 β ,25S)-1,5-dihydroxyspirostan-3-yl
2-O- β -D-glucopyranosyl- [19316-99-5]

Glucoconvallasaponin B

See β -D-Glucopyranoside, (1 β ,3 β ,4 β ,5 β ,25S)-5-(α -L-arabinopyranosyloxy)-1,4-dihydroxyspirostan-3-yl [16939-88-1]

Glucocoroglaucigenin

See Card-20(22)-enolide, 3-(β -D-glucopyranosyloxy)-14,19-dihydroxy-, (3 β ,5 α)- [101020-98-8]

Glucocorotoxigenin

See Card-20(22)-enolide, 3-(β -D-glucopyranosyloxy)-14-hydroxy-19-oxo-, (3 β ,5 α ,17 α)- [6829-58-9]

Glucocorticoid receptors

See also related: Glucocorticoids

Glucocorticoid-responsive element

See Genetic element, GRE
(glucocorticosteroid-responsive element)

Glucocorticoids

See also related: Glucocorticoid receptors

Glucocycloaldolase

See Synthase, myo-inositol 1-phosphate [9032-95-5]

Glucodigifucoside

See Card-20(22)-enolide, 3-[(6-deoxy-4-O- β -D-glucopyranosyl-L-galactopyranosyl)oxy]-14-hydroxy-, (3 β ,5 β)- [2446-63-1]

Glucodigulomethylolide

See Card-20(22)-enolide, 3-[(6-deoxy-4-O- β -D-glucopyranosyl- β -D-gulopyranosyl)oxy]-14-hydroxy-, (3 β ,5 β)- [58801-03-9]

Glucodigitoxigenin

See Card-20(22)-enolide, 3-(β -D-glucopyranosyloxy)-14-hydroxy-, (3 β ,5 β)- [17059-16-4]

Glucodigoxoside

See Card-20(22)-enolide, 3-[(O- β -D-glucopyranosyl-(1 \rightarrow 4)-O-2,6-dideoxy- β -D-ribo-hexopyranosyl-(1 \rightarrow 4)-O-2,6-dideoxy- β -D-ribo-hexopyranosyl-(1 \rightarrow 4)-O-2,6-dideoxy- β -D-ribo-hexopyranosyl-(1 \rightarrow 4)-2,6-dideoxy- β -D-ribo-hexopyranosyl)oxy]-12,14-dihydroxy-, (3 β ,5 β ,12 β)- [68711-85-3]

Glucosmodin

See 9,10-Anthracenedione, 3-(β -D-glucopyranosyloxy)-1,8-dihydroxy-6-methyl- [34298-85-6]

Glucosucin

See β -D-Glucopyranose, 1-thio-, 1-[5-(methylthio)-N-(sulfoxy)pentanimidate] [21973-56-8]

Glucosucordin

See Card-20(22)-enolide, 3-[(O- β -D-glucopyranosyl-(1 \rightarrow 4)-O- β -D-glucopyranosyl-(1 \rightarrow 4)-6-deoxy- β -D-gulopyranosyl)oxy]-14,19-dihydroxy-, (3 β ,5 β)- [121949-98-2]

Glucosypestrin

See β -D-Glucopyranose, 1-thio-, 1-[5-methoxy-5-oxo-N-(sulfoxy)pentanimidate] [27303-29-3]

Glucosysimide

See Card-20(22)-enolide, 3-[(O- β -D-glucopyranosyl-(1 \rightarrow 4)-O- β -D-glucopyranosyl-(1 \rightarrow 4)-2,6-dideoxy- β -D-ribo-hexopyranosyl)oxy]-5,14-dihydroxy-19-oxo-, (3 β ,5 β)- [31002-18-3]

Glucosysimosol

See Card-20(22)-enolide, 3-[(O- β -D-glucopyranosyl-(1 \rightarrow 4)-O- β -D-glucopyranosyl-(1 \rightarrow 4)-2,6-dideoxy- β -D-ribo-hexopyranosyl)oxy]-5,14,19-trihydroxy-, (3 β ,5 β)- [31002-19-4]

Glucosysolin

See β -D-Glucopyranose, 1-thio-, 1-[5-(methylsulfonyl)-N-(sulfoxy)pentanimidate], monopotassium salt [22149-26-4]

Glucosvatromonoside

See Card-20(22)-enolide, 3-[(2,6-dideoxy-4-O- β -D-glucopyranosyl- β -D-ribo-hexopyranosyl)oxy]-14-hydroxy-, (3 β ,5 β)- [6022-97-5]

Glucosvonogenin

See Card-20(22)-enolide, 3-(β -D-glucopyranosyloxy)-1,5,14-trihydroxy-, (1 β ,3 β ,5 β)- [24815-36-9]

Glucosvonoside

See Card-20(22)-enolide, 3-[(6-deoxy-4-O- β -D-glucopyranosyl- α -L-mannopyranosyl)oxy]-14,19-dihydroxy-, (3 β ,5 β)- [24822-55-7]

Glucosferide

See 4H-1-Benzopyran-4-one, 7-(β -D-glucopyranosyloxy)-2,3-dihydro-3,5-dihydroxy-2-(4-methoxyphenyl)-, (2R,3R)- [53254-73-2]

Glucosferulic acid

See 2-Propenoic acid, 3-[4-(β -D-glucopyranosyloxy)-3-methoxyphenyl]- [14364-12-6]

Glucosfrangulin A

See 9,10-Anthracenedione, 3-[(6-deoxy- α -L-mannopyranosyl)oxy]-1-(β -D-glucopyranosyloxy)-8-hydroxy-6-methyl- [21133-53-9]

Glucosfrangulin B

See 9,10-Anthracenedione, 3-(α -apio- β -D-furanosyloxy)-1-(β -D-glucopyranosyloxy)-8-hydroxy-6-methyl- [14062-59-0]

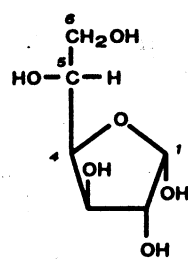
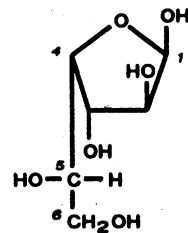
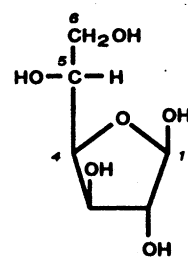
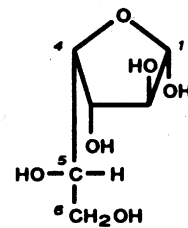
Glucosfrugoside

See Card-20(22)-enolide, 3-[(6-deoxy-4-O- β -D-glucopyranosyl- β -D-allopyranosyl)oxy]-14,19-dihydroxy-, (3 β ,5 α)- [107110-15-6]

α -D-Glucofuranol[1,2-d]imidazolidine
See 1,2-Ethanedione, 1-(hexahydro-6-hydroxy-1H-furo[2,3-d]imidazol-5-yl)-, [3aS-[3a α ,5a(S*),6a,6a α]]- [39220-20-7]

β -D-Glucofuranol[2,1-d]oxazolidine
See 1,2-Ethanedione, 1-(hexahydro-6-hydroxyfuro[3,2-d]oxazol-5-yl)-, [3aR-[3a α ,5a(R*),6a,6a α]]- [39695-14-2]

α -D-Glucofuranose [36468-84-5]

 α -L-Glucofuranose [41846-86-0] β -D-Glucofuranose [30412-16-9] β -L-Glucofuranose [41846-85-9]**Glucosucordin**

Glucosucordin is a class of aglycons (other than nitrogen heterocycles) that contain no function higher than hydroxyl are indexed at this heading, stereochemical information, if known, being included in the index compound name. Otherwise, the compound is indexed as a glucosucordin derivative of the index compound containing the highest function. Glucosucordin as a class are indexed at Glycosides. See also the note at Glucopyranoside

—, 1H-benzimidazole-1

See 1H-Benzimidazole, 1-glucosucordin- [16776-88-8]

Glucosucordinylamine

—, N-acetyl-
See Acetamide, N-glucosucordinyl- [21967-08-8]

Glucogallin

See D-Glucopyranose, 1-(3,4,5-trihydroxybenzoate) [554-37-0]

Glucogenkwanin

See 4H-1-Benzopyran-4-one, 5-(β -D-glucopyranosyloxy)-2-(4-hydroxyphenyl)-7-methoxy- [552-52-3]

Glucogitaloxin

See Card-20(22)-enolide, 16-(formyloxy)-3-[(O- β -D-glucopyranosyl-(1 \rightarrow 4)-O-2,6-dideoxy- β -D-ribo-hexopyranosyl-(1 \rightarrow 4)-O-2,6-dideoxy- β -D-ribo-hexopyranosyl-(1 \rightarrow 4)-2,6-dideoxy- β -D-ribo-hexopyranosyl)oxy]-14-hydroxy-, (3 β ,5 β ,16 β)- [11013-71-1]

Glucogitoroside

See Card-20(22)-enolide, 3-[(2,6-dideoxy-4-O- β -D-glucopyranosyl- β -D-ribo-hexopyranosyl)oxy]-14,16-dihydroxy-, (3 β ,5 β ,16 β)- [663-16-1]

Glucoshaageanolide

See Cyclodeca[b]furan-2(3H)-one, 5-(β -D-glucopyranosyloxy)-3a,4,5,8,9,11a-hexahydro-6,10-dimethyl-3-methylene-, (3aS,5S,6E,10E,11aR)- [95663-74-4]

D-Glucoshaheptascorbic acid

See D-glucoshaheptascorbic acid, γ -lactone [26234-79-7]

 α -Glucoshaheptonic acid

See D-glycero-D-gulo-Heptonic acid [87-74-1]

 β -Glucoshaheptonic acid

See D-glycero-D-ido-Heptonic acid [488-36-8]

Glucoshaheptatrin

See β -D-Glucopyranose, 1-thio-, 1-[3,4-dimethoxy-N-(sulfoxy)benzenecarboximide] [31297-66-2]

Glucoshaheptalin

See β -D-Glucopyranose, 1-thio-, 1-[7-(methylsulfonyl)-N-(sulfoxy)heptanimidate] [33049-17-1]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[9-(methylsulfonyl)-N-(sulfoxy)nonanimidate] [21973-60-4]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[4-(methylsulfonyl)-N-(sulfoxy)butanimidate] [554-88-1]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[4-(methylthio)-N-(sulfoxy)butanimidate] [26888-03-9]

Glucoshaheptin

See β -D-Glucopyranoside, 1H-indol-3-yl 6-O- β -D-glucopyranosyl- [209465-67-8]

Glucoshaheptin

See Glucosidase, α - [9001-42-7]

 α -D-Glucoshaheptonic acid

See D-erythro-Pentonic acid, 3-deoxy-2-C-(hydroxymethyl)- [1518-54-3]

 β -D-Glucoshaheptonic acid

See D-threo-Pentonic acid, 3-deoxy-2-C-(hydroxymethyl)- [1518-56-5]

Glucoshaheptoxin

See Card-20(22)-enolide, 3-[(2,6-dideoxy-4-O- β -D-glucopyranosyl- β -D-ribo-hexopyranosyl)oxy]-16-(formyloxy)-14-hydroxy-, (3 β ,5 β ,16 β)- [6614-20-6]

Glucoshaheptin

See Glycine, N- β -D-glucopyranosyl-, (2S,3R,4S,5S)-tetrahydro-4-methoxy-5-methyl-2-[(1E,3E,5E)-1-methyl-1,3,5-heptatrienyl]-2H-pyran-3-yl ester [141363-92-0]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[3-hydroxy-N-(sulfoxy)benzenecarboximide] [59204-64-7]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[3-methoxy-N-(sulfoxy)benzenecarboximide] [111810-95-8]

Glucoshaheptin

See Glycolipids

Glucoshaheptin A

See Heptadecanoic acid, 3-[(6-O-[3-(β -D-glucopyranosyloxy)-2,16-dimethyl-1-oxoheptadecyl]- β -D-glucopyranosyl)oxy]-2,16-dimethyl-, intramol. 1,6"-ester [222613-92-5]

Glucoshaheptin B

See Heptadecanoic acid, 3-[(6-O-[3-(β -D-glucopyranosyloxy)-2,15-dimethyl-1-oxohexadecyl]- β -D-glucopyranosyl)oxy]-2,16-dimethyl-, intramol. 1,6"-ester [222613-93-6]

Glucoshaheptoside

See Card-20(22)-enolide, 3-[(6-deoxy-4-O- β -D-glucopyranosyl- α -L-mannopyranosyl)oxy]-5,11,14-trihydroxy-, (3 β ,5 β ,11 α)- [57577-02-3]

Glucoshaheptol

See 4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-7-(β -D-glucopyranosyloxy)-5-hydroxy- [5373-11-5]

Glucoshaheptan

See also
Hemicellulose [9034-32-6]
Konjak mannan [37220-17-0]

Glucoshaheptan

See β -D-Glucopyranose, 1-thio-, 1-[3,4-dihydroxy-N-(sulfoxy)benzenecarboximide] [31297-64-0]

 α -D-Glucoshaheptonic acid

See D-ribo-Hexonic acid, 3-deoxy- [498-43-1]

 β -D-Glucoshaheptonic acid

See D-arabino-Hexonic acid, 3-deoxy- [1518-59-8]

Glucoshaheptose

See D-Glucose, 6-deoxy- [7658-08-4]

Glucoshaheptin

See β -D-Glucopyranoside, 3-(5'-chloro-4-methoxy-spiro[1,2-dioxetane-3,2'-tricyclo[3.3.1.1^{3,7}]-decan]-4-yl)phenyl [201037-11-8]

D-Glucoshaheptamide

—, N-(carboxymethyl)-
See Glycine, N-D-glucoshaheptamyl- [5616-22-8]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[N-(sulfoxy)-4-pentenimide] [19041-09-9]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[3-hydroxy-N-(sulfoxy)-5-hexenimide] [19764-03-5]

Glucoshaheptin

See β -D-Glucopyranose, 1-thio-, 1-[N-(sulfoxy)-benzenepropanimide] [499-30-9]

Glucoshaheptin

Glucoshaheptin
The D-isomer has been assumed unless otherwise specified or implied in the original document and is indexed at D-Glucoshaheptin [526-95-4]

—, 2-deoxy-

See arabino-Hexonic acid, 2-deoxy- [26234-81-1]

D-Glucoshaheptic acid

—, 2-keto-
See D-arabino-2-Hexulosonic acid [669-90-9]

—, 5-keto-

See D-xylo-5-Hexulosonic acid [5287-64-9]

Glucoshaheptobacter cerinus

See Glucoshaheptobacter cerinus

Glucoshaheptobacter

See also Acetobacter

Glucoshaheptobacter capsulatus

See Acetobacter industrius

Glucoshaheptobacter liquefaciens

See Glucoshaheptobacter liquefaciens

Glucoshaheptobacter scleroides

See Glucoshaheptobacter oxydans suboxydans

Glucoshaheptobacter suboxydans alpha

See Glucoshaheptobacter oxydans suboxydans

Glucoshaheptobacter

See β -D-Glucopyranose, 1-thio-, 1-[6-oxo-N-(sulfoxy)octanimide] [20016-82-4]

Glucoshaheptin K

See D-Glucoshaheptic acid, monopotassium salt [299-27-4]

Glucoshaheptin

See Card-20(22)-enolide, 3-[(O- β -D-glucopyranosyl-(1 \rightarrow 3)-O- β -D-glucopyranosyl-(1 \rightarrow 4)-2,6-dideoxy- β -D-xylo-hexopyranosyl)oxy]-5,14-dihydroxy-19-oxo-, (3 β ,5 β)- [39028-64-3]

Glucoshaheptin

See Im

Glucopiericidin A

Glucopiericidin A

See β -D-Glucopyranoside, (1R,2R,3E,5E,8E)-10-(4-hydroxy-5,6-dimethoxy-3-methyl-2-pyridinyl)-2,4,8-trimethyl-1-(1-methyl-1-propenyl)-3,5,8-decatienyl [108073-65-0]

Glucopiericidin B

See D-Glucopyranoside, 2-[(9R,10R,2E,5E,9E,11E)-10-hydroxy-3,7,9,11-tetramethyl-2,5,7,11-tridecatetraenyl]-5,6-dimethoxy-3-methyl-4-pyridinyl [108073-61-6]

Glucopiericidinol A₁

See β -D-Glucopyranoside, 8-hydroxy-10-(4-hydroxy-5,6-dimethoxy-3-methyl-2-pyridinyl)-2,4,8-trimethyl-1-(1-methyl-1-propenyl)-3,5,9-decatienyl [125535-05-9]

Glucopiericidinol A₂

See β -D-Glucopyranoside, 8-hydroxy-10-(4-hydroxy-5,6-dimethoxy-3-methyl-2-pyridinyl)-2,4,8-trimethyl-1-(1-methyl-1-propenyl)-3,5,9-decatienyl [125591-38-0]

Glucopine

See L-Glutamine, N²-(1-deoxy-D-glucitol-1-yl)- [91401-79-5]

Glucopur

See D-Glucose, labeled with carbon-13 [19030-38-7]

Glucoputranjivin

See β -D-Glucopyranose, 1-thio-, 1-[2-methyl-N-(sulfoxy)propanimidate] [18432-16-1]

 β -D-Glucopyrano[1,2-d]oxazolidine

See 2H-Pyrano[2,3-d]oxazole-6,7-diol, hexahydro-5-(hydroxymethyl)-, [3aR-(3a,5,6a,7,7a)]- [39603-29-7]

Glucopyranose

—, 1-Se-amidino-1-seleno-
See Glucopyranose, 1-seleno-, 1-carbamimidate [4792-23-8]

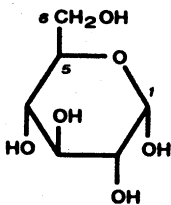
—, 1-(1H-benzimidazol-1-yl)-1-deoxy-
See 1H-Benzimidazole, 1-glucopyranosyl- [15436-00-7]

—, 1,1'-(carbonyldiimino)bis[1-deoxy-
See Urea, N,N'-diglucopyranosyl- [26888-06-2]

—, 1-[(3-carboxy-1-oxopropyl)amino]-1-deoxy-
See Butanoic acid, 4-(glucopyranosylamino)-4-oxo- [27010-46-4]

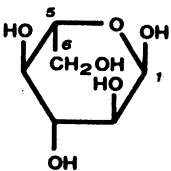
—, 1-deoxy-1-phenyl-
See Glucitol, 1,5-anhydro-1-C-phenyl- [6138-10-9]

α -D-Glucopyranose [492-62-6]

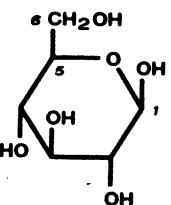


6-(dihydrogen phosphate) — see also D-Glucose, esters, 6-(dihydrogen phosphate) [56-73-5]

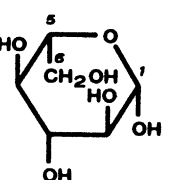
α -L-Glucopyranose [492-66-0]



β -D-Glucopyranose [492-61-5]



β -L-Glucopyranose [39281-65-7]



Glucopyranoside

Glucopyranosides of aglycons (other than nitrogen heterocycles) that contain no function higher than hydroxyl are indexed at this heading, stereochemical information, if known, being included in the index compound name; e.g., α -D-Glucopyranoside, methyl. Otherwise the compound is entered at the name of the index parent which contains the higher function. Thus, tilianin (acacetin 7- β -D-glucopyranoside) is indexed at the systematic name of the flavonoid aglycon, acacetin, with replacement of the 7-hydroxy substituent by the sugar radical: 4H-1-Benzopyran-4-one, 7-(β -D-glucopyranosyloxy)-5-hydroxy-2-(4-methoxyphenyl)-. Glucopyranosyl derivatives attached directly, or through oxygen, chalcogen, or amino, to the nitrogen atoms of heterocycles are indexed at the heterocycle names. Glucopyranosyl derivatives attached to carbocyclic rings or to carbon atoms of heterocycles are indexed at the heading parent names that express the higher functions. Examples: 9H-Purine, 9- β -D-glucopyranosyl-, 3-Pyridinecarbonitrile, 6-(α -D-glucopyranosyloxy)-; β -D-Glucopyranoside, 3-hydroxy-1H-indol-2-yl. Glucopyranosides

as a class are indexed at Glycosides

—, 4,8-dioxo-7-oxatricyclo[4.3.0.0^{3,9}]nonyl
See 7-Oxatricyclo[4.3.0.0^{3,9}]nonane-4,8-dione, (glucopyranosyloxy)- [25638-06-6]

—, 8-oxo-7-oxatricyclo[4.3.0.0^{3,9}]nonyl
See 7-Oxatricyclo[4.3.0.0^{3,9}]nonane-8-one, (glucopyranosyloxy)- [25638-05-5]

—, riboflavin-5'
See Riboflavin, 5'-O-glucopyranosyl- [22140-74-5]

—, scillarenin-3
See Bufa-4,20,22-trienolide, 3-(glucopyranosyloxy)-14-hydroxy-, (3 β)- [26888-13-1]

—, 1H-tetrazol-1-yl 1-thio-
See 1H-Tetrazole, 1-(glucopyranosylthio)- [36826-45-6]

—, ursolic acid

See Urs-12-en-28-oic acid, 3-(glucopyranosyloxy)-, (3 β)- [26241-61-2]

α -D-Glucopyranoside

—, 2-deoxy-D-streptamine-4

—, 2-amino-2-deoxy-
See D-Streptamine, 4-O-(2-amino-2-deoxy- α -D-glucopyranosyl)-2-deoxy- [534-47-4]

—, β -D-fructofuranosyl

charcoal — see also Charcoal

α -D-Glucopyranoside, β -D-fructofuranosyl,

biological studies

substitutes for — see also Sweetening agents

α -D-Glucopyranoside, β -D-fructofuranosyl,

preparation

See also Saccharification

α -D-Glucopyranoside, β -D-fructofuranosyl,

compounds

caramel from — see also Caramel (color)

α -D-Glucopyranoside

—, α -D-glucopyranosyl-

6,6'-esters with mycolic acids — see also Cord factor [61512-20-7]

β -D-Glucopyranoside

—, 2-amino-2-carboxyethyl

(S)- — see L-Serine, O- β -D-glucopyranosyl- [4727-08-6]

—, 1,4-dihydro-2-methyl-4-oxo-3-pyridinyl

See 4(1H)-Pyridinone, 3-(β -D-glucopyranosyloxy)-2-methyl- [15266-34-9]

Glucopyranosylamine

—, N-acetyl-

See Acetamide, N-glucopyranosyl- [5663-46-7]

—, N-alanyl-

See Propanamide, 2-amino-N-D-glucopyranosyl-, (2S)- [16783-29-2]

—, N-(aminoiminomethyl)-

See Guanidine, glucopyranosyl- [4353-51-9]

—, N-[(aminomethoxymethylene)amino]-

carbonyl-

See Carbamimidic acid, [(glucopyranosylamino)-

carbonyl]-, methyl ester [10592-56-0]

—, N-[(4-aminophenyl)sulfonyl]-

See Benzenesulfonamide, 4-amino-N-

glucopyranosyl- [5962-24-3]

—, N-(aminosulfonyl)-

See Sulfamide, glucopyranosyl- [13000-34-5]

—, N-[2-(aminosulfonyl)ethyl]-

See Ethanesulfonamide, 2-(glucopyranosylamino)- [26234-73-1]

—, N- α -aspartyl-

See Butanoic acid, 3-amino-4-

(glucopyranosylamino)-4-oxo- [13681-27-1]

—, N-benzoyl-

See Benzamide, N-glucopyranosyl- [14616-88-7]

—, N-(N-benzoylglycyl)-

See Benzamide, N-[2-(glucopyranosylamino)-2-

oxoethyl]- [18555-14-1]

—, N-carboxy-

See Carbamic acid, glucopyranosyl- [4692-35-7]

—, N-(N-carboxyalanyl)-

See Carbamic acid, [2-(glucopyranosylamino)-1-

methyl-2-oxoethyl]- [30629-19-7]

—, N-(carboxyethenyl)-

See 2-Propenoic acid, (glucopyranosylamino)- [34077-93-5]

—, N-(N-carboxyglycyl)-

See Carbamic acid, [2-(glucopyranosylamino)-2-

oxoethyl]- [18555-13-0]

—, N-(2,2-dicarboxyethenyl)-

See Propanedioic acid, [(glucopyranosylamino)methyl-

ene]- [27626-05-7]

—, N-(N²,N⁶-dicarboxylsilyl)-

See Carbamic acid, [1-(glucopyranosylamino)-

carbonyl]-1,5-pentanediy]bis- [26234-69-5]

—, N-(1,6-dihydro-6-oxo-4-pyrimidinyl)-

See 4(1H)-Pyrimidinone, 6-(glucopyranosylamino)- [26263-35-4]

—, N- γ -glutamyl-

See Glutamine, N-glucopyranosyl- [13681-28-2]

—, N-glycyl-

See Acetamide, 2-amino-N-glucopyranosyl- [26234-70-8]

—, N-(hydrazinocarbonyl)-

See Hydrazinecarboxamide, N-glucopyranosyl- [26234-68-4]

—, N-(hydrazinethiooxomethyl)-

See Hydrazinecarbothioamide, N-glucopyranosyl- [4663-10-9]

—, N-lysyl-

See Hexanamide, 2,6-diamino-N-glucopyranosyl- [26234-71-9]

—, N-(1,2,3,6-tetrahydro-2,6-dioxo-4-

pyrimidinyl)-

See 2,4(1H,3H)-Pyrimidinedione, 6-

(glucopyranosylamino)- [4542-52-3]

D-Glucopyranosylamine

—, N-(aminocarbonyl)-

See Urea, D-glucopyranosyl- [29315-87-5]

β -D-Glucopyranosyl cyanide

See D-glycero-D-gulo-Heptonitrile, 2,6-anhydro- [3737-60-8]

Glucopyranosylsulfenamide

See D-Glucopyranose, 1-S-(phenylamino)-1-thio- [13006-67-2]

Glucoraphanin

See β -D-Glucopyranose, 1-thio-, 1-[5-(methylsulfinyl)-N-(sulfoxy)pentanimidate] [21414-41-5]

Glucoraphasatin

See β -D-Glucopyranose, 1-thio-, 1-[5-(methylthio)-N-(sulfoxy)-4-pentenimide] [28463-23-2]

Glucoraphenin

See β -D-Glucopyranose, 1-thio-, 1-[5-(methylsulfinyl)-N-(sulfoxy)-4-pentenimide] [28463-24-3]

Glucorapiferin

See β -D-Glucopyranose, 1-thio-, 1-[(3R)-3-hydroxy-N-(sulfoxy)-4-pentenimide] [585-95-5]

Glucorein

See 2-Anthracenecarboxylic acid, 5-(β -D-glucopyranosyloxy)-9,10-dihydro-4-hydroxy-9,10-dioxo- [34298-86-7]

D-Glucosaccharic acid

See D-Glucaric acid [87-73-0]

 α -D-Glucosaccharinic acid

See D-Ribonic acid, 2-C-methyl- [7473-35-0]

 β -L-Glucosaccharinic acid

See L-Arabinonic acid, 2-C-methyl- [13929-76-5]

D-Glucosaccharoascorbic acid

See D-erythro-Hex-2-enaric acid, 1,4-lactone [114990-23-7]

Glucosaccharonic acid

See D-erythro-Hex-2-enonic acid, γ -lactone [89-65-6]

Glucosamine

See D-Glucose, 2-amino-2-deoxy- [3416-24-8]

Glucosamine acetylase

See Acetyltransferase, glucosamine [9032-94-4]

Glucosamine phosphate deaminase

See Isomerase, glucosamine phosphate [9013-10-9]

Glucosamine 6-phosphate synthetase

See Isomerase, glucosamine phosphate (glutamine-forming) [9030-45-9]

Glucosaminic acid

See D-Gluconic acid, 2-amino-2-deoxy- [3646-68-2]

Glucosaminic dehydrase

See Dehydratase, aminodeoxygluconate [9032-93-3]

D-Glucosaminitol

See D-Glucitol, 2-amino-2-deoxy- [14307-03-0]

Glucosaminonitrile

See Glucononitrile, 2-amino-2-deoxy- [5624-42-0]

D-Glucosan

See D-Glucan [9012-72-0]

Glucosan phosphorylase

See Phosphorylase [9035-74-9]

Glucosan transglycosylase

See Glycosyltransferase, α -glucan-branching [9001-97-2]

Glucosazone

See arabino-Hexos-2-ulose, bis(phenylhydrazine) [4746-10-5]

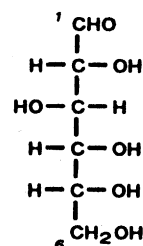
Glucosclaren A

See Bufa-4,20,22-trienolide, 3-[(O- β -D-glucopyranosyl-(1-4)-O- β -D-glucopyranosyl-(1-4)-6-deoxy- α -L-mannopyranosyloxy]-14-hydroxy-, (3 β)- [11003-96-6]

Glucosclilpheoside

See Bufa-4,20,22-trienolide, 3-[(6-deoxy-4-O- β -D-glucopyranosyl- α -L-mannopyranosyloxy)-12,14-dihydroxy-, (3 β ,12 β)- [21305-13-5]

D-Glucose [50-99-7]



phenylosotriazole —

see 1,2,3,4-Butanetetrol, 1-(2-phenyl-2H-1,2,3-triazol-4-yl)-, (1R,2S,3R)- [6341-06-6]

D-Glucose, biological studies

See also

Gluconeogenesis

Glycolysis

Glycolysis

Cori cycle

D-Glucose, preparation

See also Saccharification

D-Glucose, esters

1-(dihydrogen phosphate) —

see α -D-Glucopyranose, 1-(dihydrogen

phosphate) [59-56-3]

6-(dihydrogen phosphate) — see

also α -D-Glucopyranose, 6-(dihydrogen

phosphate) [15209-11-7]

D-Glucose

—, 2-amino-3-O-(1-carboxyethyl)-2-deoxy-

(R)- — see Muramic acid [1114-41-6]

—, 2-amino-3-O-(carboxymethyl)-2-deoxy-

See Normuramic acid [66026-65-1]

—, 2-deoxy-

See D-arabino-Hexose, 2-deoxy- [154-17-6]

—, 3-deoxy-

See D-ribo-H